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This file contains CAS Registry Numbers for easy and accurate substance identification.

=> s solasodine and glucose  
929 SOLASODINE  
400322 GLUCOSE  
L1 64 SOLASODINE AND GLUCOSE  
  
=> s l1 and (benzoyl or pivaloyl)  
75043 BENZOYL  
4286 PIVALOYL  
L2 1 L1 AND (BENZOYL OR PIVALOYL)  
  
=> d l1

L1 ANSWER 1 OF 64 CA COPYRIGHT 2006 ACS on STN  
AN 144:311152 CA  
TI Compositions for antiobesity, health-restorative and health-promotional benefits comprising alkaloids, saponins and oligosaccharides  
IN Ghosal, Shibnath  
PA India  
SO U.S. Pat. Appl. Publ., 17 pp.  
CODEN: USXXCO  
DT Patent  
LA English  
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 2006062863	A1	20060323	US 2005-229871	20050919
	WO 2006036638	A1	20060406	WO 2005-US33538	20050920
	W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW			
	RW:	AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ,			

CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH,  
GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY,  
KG, KZ, MD, RU, TJ, TM  
PRAI US 2004-612106P P 20040922  
US 2005-229871 A 20050919

=> d l1 an ab

L1 ANSWER 1 OF 64 CA COPYRIGHT 2006 ACS on STN  
AN 144:311152 CA  
AB An obesity control agent with health-restorative and health-promotional benefits to humans comprising the extract of Chlorophytum species, more particularly, Chlorophytum arundinaceum, is disclosed. The bioactive principles responsible for anti-obesity property have been determined to be mainly due to spirosta-steroidal saponins, spirosta-steroidal alkaloids and galacto-glucan oligosaccharides. Most effective as an obesity control agent is the spirosta-steroidal saponins. Pharmaceutical, nutritional and veterinary use of this inventive composition is also disclosed. For example, chewable antacid tablets with antiobesity, health-restorative and health promotional benefits contained mannitol 47.98, calcium carbonate 34.00, Chlorophytum species exts. 16.66, sweetener 0.24, creamy mint flavor 0.24, menthol 0.08, and magnesium stearate 0.80%, resp.

=> d l2 an ab

L2 ANSWER 1 OF 1 CA COPYRIGHT 2006 ACS on STN  
AN 138:205294 CA  
AB The present invention relates to the chemical synthesis of solanum glycosides I, wherein each of R1 and R2 are the same or different and represent conventional carbohydrate protecting groups, in particular to the synthesis of solamargine as well as to novel  $\beta$ -monosaccharide intermediate compds. via stereoselective  $\beta$ -glycosylation of solasodine.

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L1 64 S SOLASODINE AND GLUCOSE  
L2 1 S L1 AND (BENZOYL OR PIVALOYL)